

**Preliminary Amendment of U.S. National Stage for International Application
PCT/EP99/09114 filed November 25, 1999**

Invention" and insert the following new section heading and new paragraph:

--BRIEF SUMMARY OF THE INVENTION

A2
The present invention relates, in general, to sterol phosphates, to a process for their production and to the use of sterol phosphates for the production of cosmetic preparations.--

At page 2, line 29 thereof, please insert the following new section heading:

--DETAILED DESCRIPTION OF THE INVENTION--

At page 20, between lines 1 and 2, please add the following new paragraph:

--What is claimed is:--.

On a separate, new page 22, following page 21, please add the following new section heading and paragraph containing an Abstract of the Disclosure:

--ABSTRACT OF THE DISCLOSURE

A3
Sterol phosphates having deodorant and/or deodorant-enhancing properties are described. Processes for the preparation of said sterol phosphates wherein a sterol is reacted with polyphosphoric acid in a non-polar solvent are also described. Methods of deodorizing the human body and enhancing the deodorizing effect of compositions containing other active deodorizing agents are also described. --

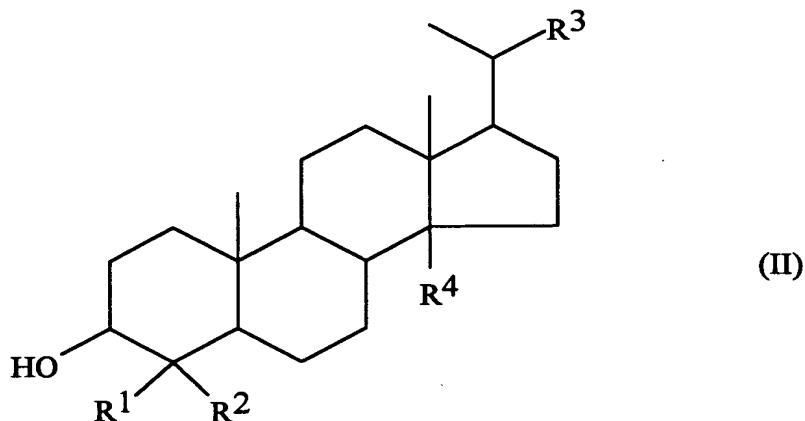
In the Claims:

Please add new claims 10-30, as follows:

A4
--10. (New) A process for the preparation of sterol phosphates, said process comprising:

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(a) providing a sterol of the general formula (II), having a fused, four-ring steroid nucleus;



wherein each of R¹, R² and R⁴ independently represents a hydrogen atom or a methyl group and R³ represents a linear or branched alk(en)yl group having from 1 to 15 carbon atoms, and wherein the fused, four-ring steroid nucleus can contain one or more carbon-carbon double bonds; and

(b) reacting the sterol with polyphosphoric acid in a non-polar solvent.--

--11. (New) The process according to claim 10, further comprising at least partially hydrogenating the sterol prior to reacting the sterol with the polyphosphoric acid in the non-polar solvent.--

--12. (New) The process according to claim 10, further comprising completely hydrogenating the sterol prior to reacting the sterol with the polyphosphoric acid in the non-polar solvent.--

--13. (New) The process according to claim 10, wherein the reaction of the sterol with the polyphosphoric acid is carried out at a temperature of from 65°C to 95°C.--

--14. (New) The process according to claim 11, wherein the reaction of the

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sterol with the polyphosphoric acid is carried out at a temperature of from 65°C to 95°C.--

--15. (New) The process according to claim 10, wherein the sterol comprises a phytosterol.--

--16. (New) The process according to claim 11, wherein the sterol comprises a phytosterol.--

--17. (New) The process according to claim 10, wherein the sterol comprises a soy-derived sterol compound.--

--18. (New) The process according to claim 10, wherein the non-polar solvent comprises heptane.--

--19. (New) The process according to claim 11, wherein the non-polar solvent comprises heptane.--

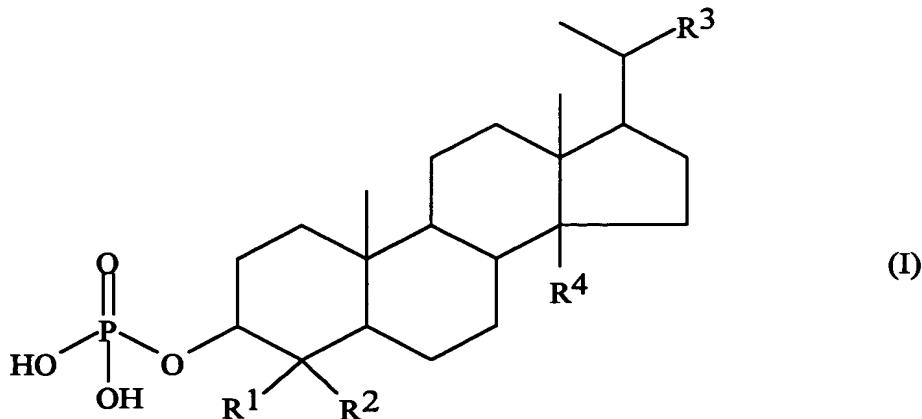
--20. (New) The process according to claim 10, wherein the reaction of the sterol with the polyphosphoric acid is carried out at a temperature of from 65°C to 95°C; wherein the sterol comprises a soy-derived sterol compound; and wherein the non-polar solvent comprises heptane.--

--21. (New) A sterol phosphate prepared by the process according to claim 10.--

--22. (New) A sterol phosphate prepared by the process according to claim 20.--

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--23. (New) A cosmetic preparation comprising a formulation base and a sterol phosphate of the general formula (I), having a fused, four-ring steroid nucleus:



wherein each of R¹, R² and R⁴ independently represents a hydrogen atom or a methyl group and R³ represents a linear or branched alk(en)yl group having from 1 to 15 carbon atoms, and wherein the fused, four-ring steroid nucleus can contain one or more carbon-carbon double bonds.--

--24. (New) The cosmetic preparation according to claim 23, wherein the sterol phosphate is present in an amount of from 0.1 to 1.0% by weight, based on the preparation.--

--25. (New) The cosmetic preparation according to claim 23, further comprising one or more deodorizing agents selected from the group consisting of aluminum chlorohydrates, esterase inhibitors, bactericidal agents, bacteriostatic agents, and mixtures thereof.--

--26. (New) The cosmetic preparation according to claim 23, further comprising an aluminum chlorohydrate, an esterase inhibitor and at least one bactericidal or bacteriostatic agent.--

--27. (New) The cosmetic preparation according to claim 23, wherein the

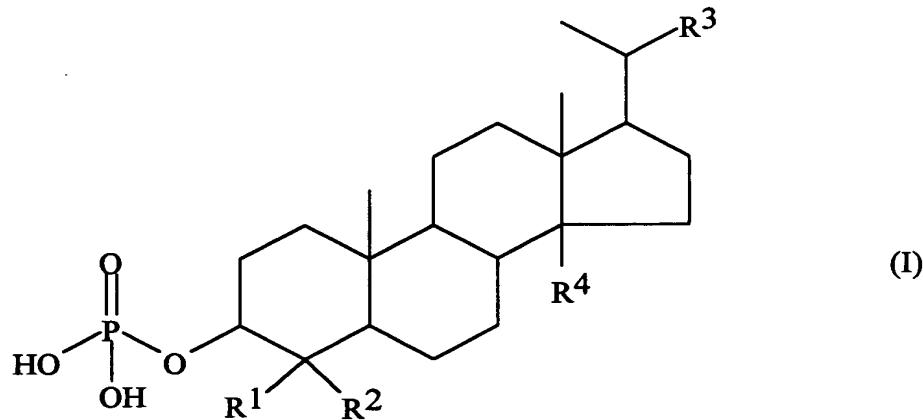
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sterol phosphate comprises a phytosterol-derived sterol phosphate.--

--28. (New) The cosmetic preparation according to claim 23, wherein the sterol phosphate comprises a soyasterol-derived sterol phosphate.--

--29. (New) A method of deodorizing the human body, said method comprising:

(a) providing a cosmetic preparation comprising a formulation base and a sterol phosphate of the general formula (I), having a fused, four-ring steroid nucleus:



wherein each of R¹, R² and R⁴ independently represents a hydrogen atom or a methyl group and R³ represents a linear or branched alk(en)yl group having from 1 to 15 carbon atoms, and wherein the fused, four-ring steroid nucleus can contain one or more carbon-carbon double bonds; and

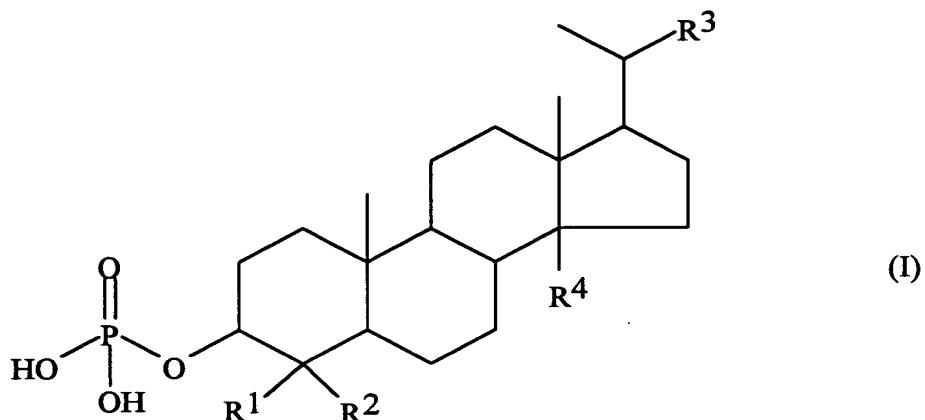
(b) applying an odor-suppressing effective amount of the cosmetic preparation to an area of the body to be deodorized.--

--30. (New) A method of enhancing deodorizing effects of a cosmetic preparation, said method comprising:

(a) providing a cosmetic preparation containing at least one deodorizing agent;

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(b) providing a sterol phosphate of the general formula (I), having a fused, four-ring steroid nucleus:



wherein each of R¹, R² and R⁴ independently represents a hydrogen atom or a methyl group and R³ represents a linear or branched alk(en)yl group having from 1 to 15 carbon atoms, and wherein the fused, four-ring steroid nucleus can contain one or more carbon-carbon double bonds; and

(c) combining the cosmetic preparation and a deodorant-enhancing effective amount of the sterol phosphate.--

Please cancel claims 1-9, without prejudice.